GROUP 15

INTAKE AND EXHAUST

CONTENTS

AIR INTAKE SYSTEM

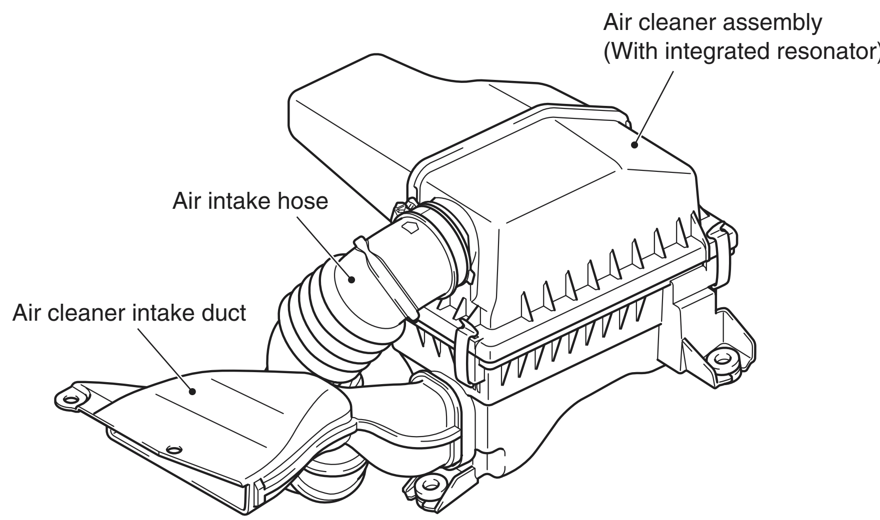
AIR DUCT AND AIR CLEANER <134, 135>

M2150004000162

Best tuning by means of following component contributes higher engine performance and vehicle silence with simple system.

- Air cleaner intake duct with restriction.
- Resonator integrated air cleaner.
- Cool air intake.

CONSTRUCTION DIAGRAM



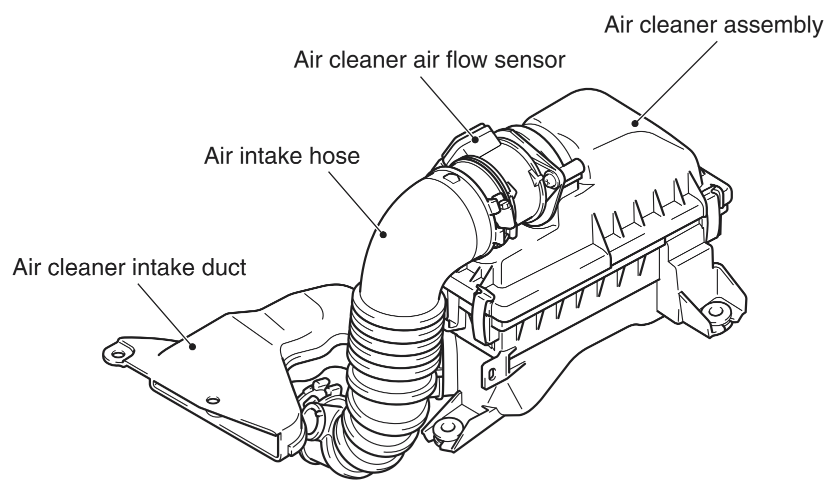
AC311592AB

AIR DUCT AND AIR CLEANER <639>

M2150004000214

The air intake system consists of the air cleaner intake duct, the air cleaner assembly, the air cleaner air flow sensor, and the air intake hose.

CONSTRUCTION DIAGRAM



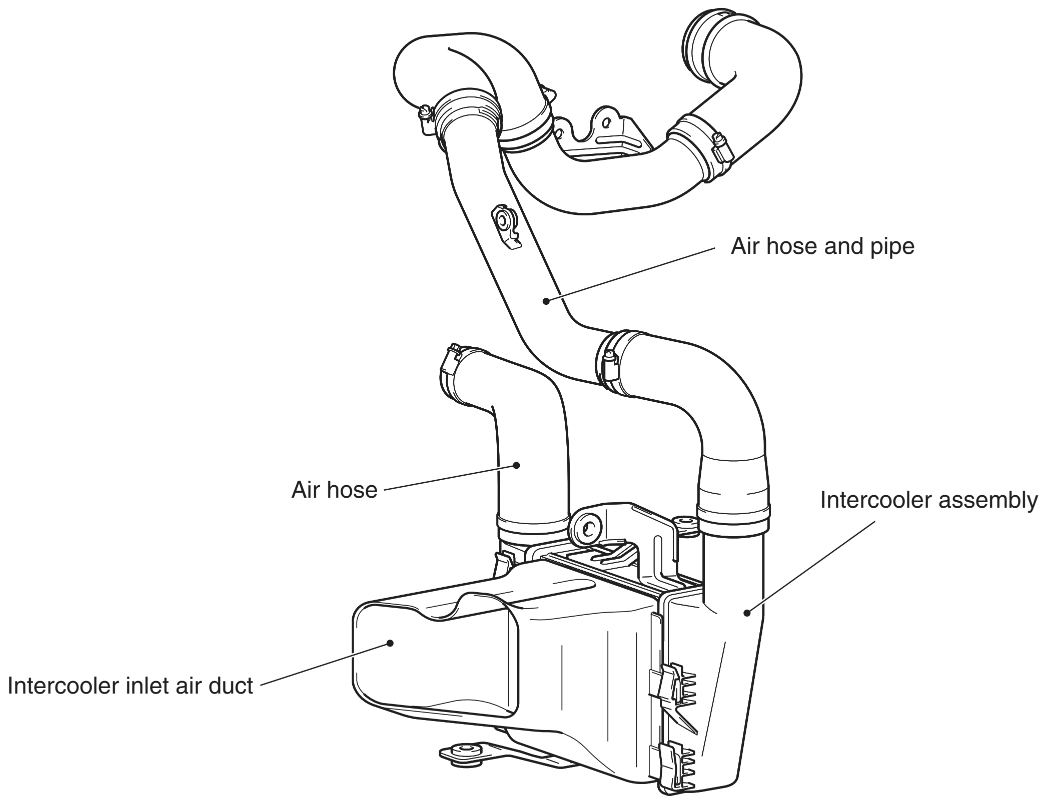
AC400370AB

INTERCOOLER <639>

M2150007000053

By mounting an air cooled intercooler to reduce the intake air temperature after boosting, engine output has been improved.

CONSTRUCTION DIAGRAM



EXHAUST SYSTEM

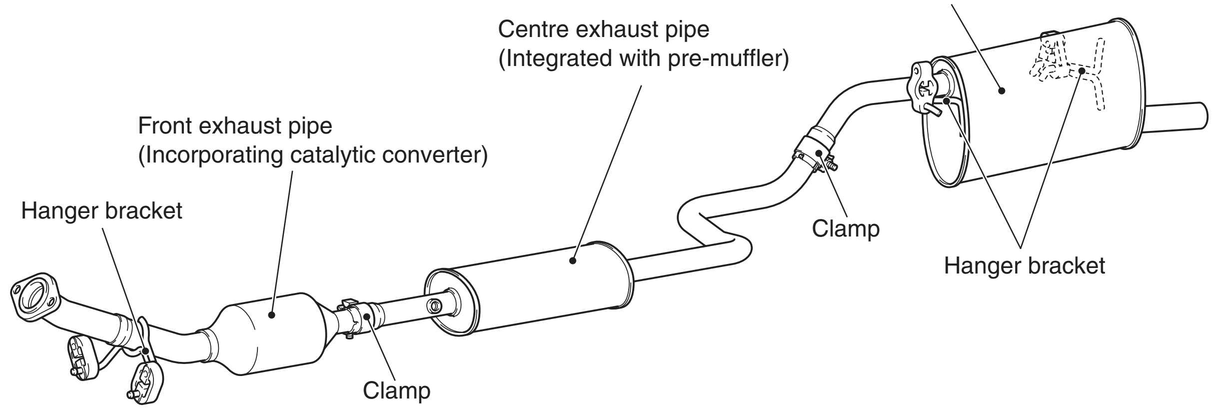
EXHAUST PIPE AND MUFFLER <134, 135>

M2150003000147

The exhaust system is compatible in the engine performance and the silence.

- Exhaust system: Commonize exhaust system with 1.1L & 1.3L and emphasize sporty sound for 1.5L.
- Front exhaust pipe (incorporating catalytic converter): Realization of the compatibility of the engine performance and the exhaust gas emission performance.
- Centre exhaust pipe (integrated with pre-muffler): Exhaust noise reduction in adopting the expansion type pre-muffler.
- Exhaust main muffler: Exhaust noise reduction in adopting the resonance and expansion type main muffler.
- Clamp: Weight reduction in adopting clamp connection which is alternative for flange connection.
- Hanger bracket: Weight reduction in adopting hollow pipe hanger bracket.

CONSTRUCTION DIAGRAM



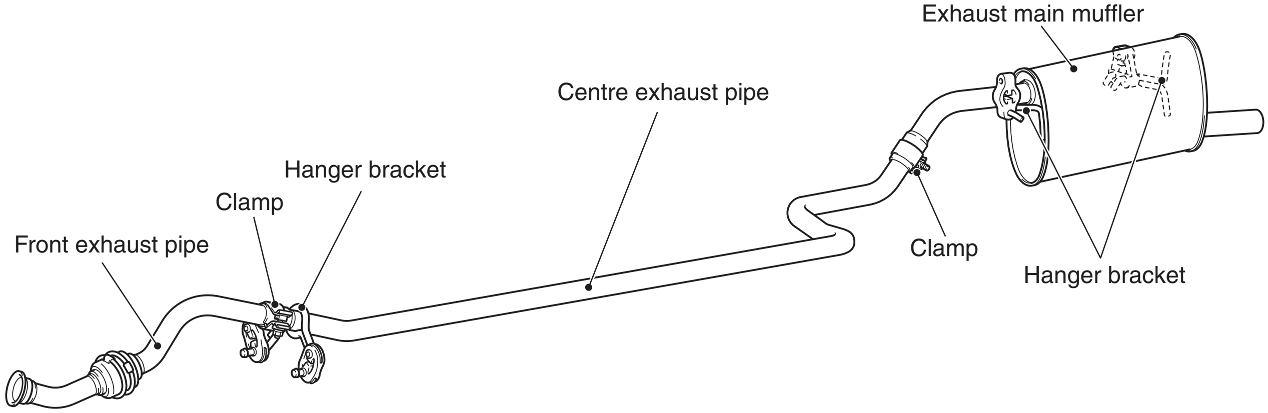
AC310086AB

EXHAUST PIPE AND MUFFLER <639>

M2150003000233

The exhaust system consists of the front exhaust pipe, the centre exhaust pipe, and the exhaust main muffler.

CONSTRUCTION DIAGRAM



AC400372AB